



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

First Named Inventor: DAPP, MICHAEL C.

Art Unit: 2134

Appln. No.: 09/973,776

Examiner: M. HENEGHAN

Filed: October 11, 2001

Confirmation No.: 7587

For: REAL TIME ACTIVE NETWORK  
COMPARTMENTALIZATION

\* \* \*

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, and without any assertion as to materiality or prior art effect, the documents listed on the attached Form PTO/SB/08A are hereby cited.

A check for \$180.00 is attached to cover the fee set forth in 37 C.F.R. § 1.17(p).

The Commissioner is hereby authorized to charge to Deposit Account No. 50-1165 (T3497-9105US01) any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby requested.

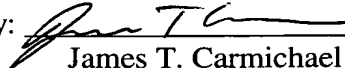
02/28/2006 HALI11 00000143 09973776

01 FC:1806

180.00 OF

Date: February 27, 2006

Respectfully submitted,

By:   
James T. Carmichael  
Reg. No. 45,306

Miles & Stockbridge, P.C.  
1751 Pinnacle Drive  
Suite 500  
McLean, Virginia 22102-3833  
(703) 903-9000

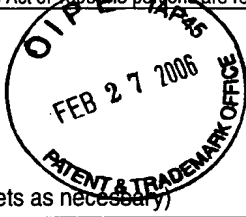
Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Complete it Known	
		Application Number	09/973,776	Filing Date	October 11, 2001
		First Named Inventor	Michael C. Dapp	Group Art Unit	2134
		Examiner Name	M. Heneghan	Attorney Docket Number	T3497-9105US01
Sheet	1	of	5		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		2005/0039124	A1	Chu et al.	02-17-2005	
		2004/0073870	A1	Fuh et al.	04-15-2004	
		2005/0177543	A1	Chen et al.	08-11-2005	
		2004/0194016	A1	Liggitt	09-30-2004	
		5,995,963		Nanba et al.	11-30-1999	
		2002/0099734	A1	Yassin et al.	07-25-2002	
		6,083,276		Davidson et al.	07-2000	
		6,151,624		Teare et al.	11-2000	
		6,167,448		Hemphill et al.	12-2000	
		6,182,2029	B1	Friedman	01-2001	
		6,366,934	B1	Cheng et al.	04-2002	
		6,374,207	B1	Li et al.	04-2002	
		6,408,311	B1	Baisley et al.	06-2002	
		6,418,446	B1	Lecton et al.	07-2002	
		6,421,656	B1	Cheng et al.	07-2002	
		6,446,110	B1	Lecton et al.	09-2002	
		2002/0038320	A1	Brook	03-2002	
		2002/007309	A1	Jain et al.	06-2002	
		2002/0103829	A1	Manning et al.	08-2002	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Complete it Known		
			Application Number	09/973,776	
			Filing Date	October 11, 2001	
			First Named Inventor	Michael C. Dapp	
			Group Art Unit	2134	
			Examiner Name	M. Heneghan	
Sheet	2	of	5	Attorney Docket Number	T3497-9105US01

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		2002/0111963	A1	Gebert et al.	08-2002	
		2002/0112224	A1	Cox	08-2002	
		2002/0120697	A1	Generous et al.	08-2002	
		2002/01222054	A1	Hind et al.	09-2002	
		2002/0133484	A1	Chau et al.	09-2002	
		2002/0143819	A1	Han et al.	10-2002	
		2002/0152244	A1	Dean et al.	10-2002	
		2002/0156772	A1	Chau et al.	10-2002	
		2002/0165872	A1	Meltzer et al.	11-2002	
		5,193,192		Seberger	03-09-1993	
		5,414,833		Hershey et al.	05-09-1995	
		5,511,213		Correa	04-23-1996	
		5,848,410		Walls et al.	12-1998	
		6,094,731		Waldin et al.	07-2000	
		2001/0056504	A1	Kuznetsov	12-2001	
		2002/0010715	A1	Chinn et al.	01-2002	
		2002/0013710	A1	Shimakawa	01-2002	
		2002/0035619	A1	Dougherty et al.	03-2002	
		2002/0038320	A1	Brook	03-2002	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete it Known</b>	
		Application Number	09/973,776
		Filing Date	October 11, 2001
		First Named Inventor	Michael C. Dapp
		Group Art Unit	2134
		Examiner Name	M. Heneghan
Sheet 3 of 5	Attorney Docket Number	T3497-9105US01	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		2002/0069318	A1	Chow et al.	06-2002	
		2002/0073091	A1	Jain et al.	06-2002	
		2002/0073119	A1	Richard	06-2002	
		2002/0091999	A1	Guinart	07-2002	
		2002/0099710	A1	Papierniak	07-2002	
		2002/0099715	A1	Jahnke et al.	07-2002	
		2002/0103829	A1	Manning et al.	08-2002	
		2002/0111963	A1	Gebert et al.	08-2002	
		2002/0111965	A1	Kutter	08-2002	
		2002/0116550	A1	Hansen	08-2002	
		2002/0116585	A1	Scherr	08-2002	
		6,697,950		Ko	02-2004	
		5,319,776		Hile et al.	06-1994	
		2003/0229846		Sethi et al.	12-2003	
		6,862,588		Beged-Dov et al.	03-2005	
		2003/0041302		McDonald	02-2003	
		6,021,510		Nachenberg	02-2000	
		5,850,515		Lo et al.	12-1998	
		5,991,881		Conklin et al.	11-1999	

Examiner Signature	Date Considered
-----------------------	--------------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete it Known</b>			
		Application Number	09/973,776		
		Filing Date	October 11, 2001		
		First Named Inventor	Michael C. Dapp		
		Group Art Unit	2134		
		Examiner Name	M. Heneghan		
Sheet	4	of	5	Attorney Docket Number	T3497-9105US01

#### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,021,510		Nachenberg	02-2000	
		6,173,333	B1	Jolitz et al.	01-2001	
		6,279,113	B1	Validya	08-2001	
		6,282,546	B1	Gleichauf et al.	08-2001	
		6,304,973	B1	Williams	10-2001	
		6,363,489	B1	Comay et al.	03-2002	
		6,370,648	B1	Diep	04-2002	
		6,405,318	B1	Rowland	06-2002	
		2002/0066035	A1	Dapp	05-2002	
		2002/0082886	A1	Manganaris et al.	06-2002	
		2002/0083343	A1	Crosbie et al.	06-2002	
		2002/0087882	A1	Schneider et al.	07-2002	
		2002/0108059	A1	Canion et al.	08-2002	
		2002/0116644	A1	Richard	08-2002	
		6,792,546		Shanklin et al.	09-2004	

#### FOREIGN PATENT DOCUMENTS

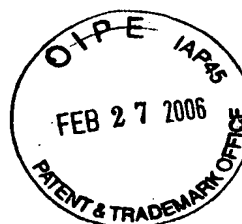
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		CA	2,307,529	A1	PMC Sierra Inc.	09-29/2001		
		WO	02/11399	A1	PCT			

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete it Known</b>	
		Application Number	09/973,776
		Filing Date	October 11, 2001
		First Named Inventor	Michael C. Dapp
		Group Art Unit	2134
		Examiner Name	M. Heneghan
Sheet 5 of 5	Attorney Docket Number	T3497-9105US01	

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ANDRIVET et al., "A Simple XML Parser", July 1999 (1999-07), C/C++ Users Journal, R&D Publications, Lawrence, KS, US, Pages 22,24,26-28,30,32, XP008015172, ISSN: 1075-2838.	
		COOPER, C., "Using Expat", 1 September 1999 (1999-09-01), XP002177815.	
		A.B. Kulkarni; S.F. Bush and S.C. Evans "Detecting Distributed Denial-of-Service Attacks Using Kolmogorov Complexity Metrics" dated December 2001.	
		S.C. Evans and S.F. Bush "Symbol Compression Ratio for String Compression and Estimation of Kolmogorov Complexity" dated November 2001.	
		B. Trippe; "XML Hits the Big Time: Major Database Players get into XML"; Find articles.com; 9/02; pp. 1-9.	
		Business Wire, Bellevue, Wash; "DataChannel Releases the Most Advanced XML Parser – XJParser – and Introduces xDev its XML Developers Program"; Find articles.com; 4/16/99, pp. 1-9.	
		InfoWorld: "Extensible Markup Language (XM). (Technology Information)"; Find articles.com; 6/98; pp. 1-6.	
		T. Yager; "New Standards Orbit (XML) (Technology Information)"; Find articles.com; 6/00; pp. 1-9.	
		Microsoft Corp., "XML: Enabling Next-Generation Web Applications"; Dytech Solutions; 4/98; pp. 1-15.	
		AHO, A.V. et al., "Principles of Compiler Design", PRINCIPLES OF COMPILER DESIGN, READING, ADDISON-WESLEY PUBLISHING CO., US., 1979, pages 73-125, XP002140006, page 88, line 4 – page 115, line 7; figures 3.5-3.22.	
		BAUER, F.L., "Compiler Construction – An Advanced Course", 1976, SPRINGER-VERLAG, GERMANY, XP002312623, pages 42-55; pages 85-108.	

Examiner Signature	Date Considered
-----------------------	--------------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.